



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

KOJIMA *et al.*

Application Number: 10/020,906

Filed: December 19, 2001

**For: METHOD FOR ISOLATING AND
PURIFYING NUCLEIC ACIDS**

Attorney Docket No. HITA.0135

**Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231**

Unit 1634

**Examiner
Chakrabarti, Arun K.**

RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

Sir:

This is in response to the Office Action dated March 18, 2003, the period for response to which has been set to expire on June 18, 2003. Please amend the above identified application with the replacement paragraphs/sections/claims as follows:

IN THE CLAIMS

Please amend the claims by replacing claims 1, 11 and 18 as indicated below with the following corresponding replacement claims:

1. A method for isolating and purifying nucleic acids, which comprises:
providing a mixed solution containing the nucleic acids, salts, and at least one organic solvent;
adsorbing the nucleic acids on an adsorption support;
washing the support adsorbed with the nucleic acids with a washing buffer;
desorbing the nucleic acids from the support with an elution buffer thereby recovering the nucleic acids, wherein
said organic solvent includes at least one compound containing 2 to 10 carbon



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1654

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COVER LETTER

Sir:

☐ The fee for submission of additional claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	18	18	0 (Over 20)	x \$18	0
Independent Claims	2	2	0 (Over 3)	x \$84	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$280	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				x ½	
TOTAL					0.00

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

☒ Response to Office Action
(with Claim Amendments)

☐ Substitute Specification

☐ Preliminary Amendment

☐ Other _____

☐ Petition for Extension of Time

☐ Terminal Disclaimer

☐ Letter to Draftsperson

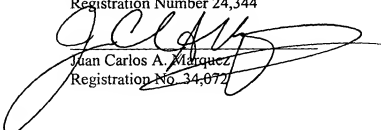
☐ Assignment

☐ Petition under _____

- [] Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.
- [] A check in the amount of **\$0.00** to cover the fee is enclosed.
- [x] The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

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